



Title:
Continuous prodn. of hose - by extrusion moulding inner fluoro thermoplastic resins, plasma treating then extrusion moulding outer layer

Patent Assignee:

TOKAI RUBBER IND LTD

TOKG

Abstract:

Abstract (Basic): JP06226810A

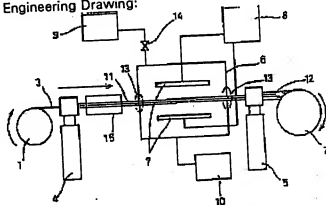
The method produces a hose of which the innermost layer is made from a fluoro-type thermoplastic resin. The innermost layer is continuously formed by extrusion moulding. The outer periphery of the innermost layer is continuously plasma-treated as pre-treatment for adhesion. An outer layer is continuously formed by extrusion moulding onto the outer periphery of the innermost layer. Examples of the fluoro-type thermoplastic resin include tetrafluoroethylene - ethylene copolymers, PVd polychlorotrifluoroethylene etc. For the other layers polyamide polyester etc. resins are useful. The plasma-treatment is carried out at 3kHz 3kV with a mix gas of He and CF₄ at a mix. ratio of 2/100 supplied at a flow rate of 500-1000 ml/min.

USE/ADVANTAGE - The hose is useful as motorcar fuel tubing. The prodn. is simple with high prodn. efficiency and is inexpensive. The fluoro-type thermoplastic resin plasma-treated has high bonding properties for other resins. The hose has high strengths.

Dwg.0/4

Clipped Images:

Engineering Drawing:



Patent Family: If available, click on fulltext doclink to view the associated fulltext/image doc.

Fulltext Doclink	Cntry	Serial	Kind	Date	Week	Pages	Lang
	JP	06226810	A	19940816	199437	004	-
	JP	2900739	B2	19990602	199927	004	-

Priorities:

Country	Serial	Date	Type
JP	0017671	19930204	A

Application, Citations, Coding Information, Index Terms:

© Derwent Scientific and Patent Information

ETA databases are created by 3M Information Services. ETA content is based on the research interests of one or more 3Mers. This database thus represents an individual's file cabinet for a research project. For complete patentability or other comprehensive search needs please contact IS

